

FORAGE TESTING LABORATORY
 DAIRY ONE, INC.
 730 WARREN ROAD
 ITHACA, NEW YORK 14850
 607-257-1272 (fax 607-257-1350)

 |Sample Description |Farm|Code| Sample |
 |LEGUME HAY | |100 |29437630|

2023 2ND CUTTING ALFALFA

Analysis Results

 |Sampled | Recvd |Printed |ST|CO|
 | | |08/07/23|08/09/23| | |

STE-A32032-3
 Reber Ranch
 28606 132nd Ave SE
 Kent, WA 98042

Components	As Fed	DM
% Moisture	9.2	
% Dry Matter	90.8	
% Crude Protein	20.4	22.5
% Available Protein	19.1	21.1
% ADICP	1.3	1.4
% Adjusted Crude Protein	20.4	22.5
Soluble Protein % CP		49
Degradable Protein%CP		80
% NDICP	3.4	3.7
% ADF	29.3	32.2
% aNDF	34.9	38.4
% Lignin	6.7	7.4
% NFC	24.9	27.4
% Starch	.5	.5
% WSC (Water Sol. Carbs.)	6.2	6.8
% ESC (Simple Sugars)	5.3	5.8
% Crude Fat	2.2	2.4
% Total Fatty Acids	1.62	1.78
% RUFAL	.76	.84
% Ash	8.46	9.32
% TDN	59	65
NEL, Mcal/Lb	.62	.68
NEM, Mcal/Lb	.60	.66
NEG, Mcal/Lb	.36	.39
Relative Feed Value		154
% Calcium	1.51	1.67
% Phosphorus	.31	.34
% Magnesium	.33	.37
% Potassium	1.57	1.73
% Sodium	.186	.205
PPM Iron	385	424
PPM Zinc	21	24
PPM Copper	9	10
PPM Manganese	24	26
PPM Molybdenum	.9	.9
% Sulfur	.32	.35
% Chloride Ion	.28	.31
IVTD 30hr, % of DM		77
NDFD 30hr, % of NDF		41
kd, %/hr		4.81
% Lysine	1.04	1.14
% Methionine	.32	.35
Horse DE, Mcal/Lb	1.03	1.13

 ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	1.29	2.83
ME, 1X	1.09	2.41
NEL, 3X	0.62	1.38
NEM, 3X	0.66	1.45
NEG, 3X	0.39	0.86
TDN1X, %	61	
